

Title (en)

REGION-OF-INTEREST BASED PRINT QUALITY OPTIMIZATION

Title (de)

DRUCKQUALITÄTSOPTIMIERUNG BASIEREND AUF INTERESSENSREGIONEN

Title (fr)

OPTIMISATION DE QUALITÉ D'IMPRESSION À BASE DE RÉGION D'INTÉRÊT

Publication

EP 3369581 B1 20220406 (EN)

Application

EP 18159338 A 20180228

Priority

US 201715449445 A 20170303

Abstract (en)

[origin: EP3369581A1] A method for printing includes analyzing print quality requirements for a printing area; adjusting settings for heater elements (e.g., energy and/or firing durations) of strobe lines based on the requirements analysis; and providing a plurality of individual strobe signals to the strobe lines. The strobe signals can be transmitted simultaneously, for example with a field-programmable gate array. Analyzing print quality requirements can include separating the printing area into one or more areas of interest, such as rows and/or columns. For each area of interest individual print quality settings (e.g., darkness, contrast, and/or media sensitivity) may be selected.

IPC 8 full level

B41J 2/355 (2006.01)

CPC (source: CN EP US)

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Cited by

CN111645432A; CN110222797A

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